

**WHAT IS CLAIMED IS:**

5 1. A material well suited for detecting the presence of urease in a gastric material for diagnosing a gastrointestinal disorder comprising:  
a composition comprising a powder, said composition including urea and an anti-caking agent, said urea having a mean particle size of less than about 0.1 mm.

2. A material as defined in claim 1, wherein said urea has a mean particle size of less than about 0.05 mm.

10 3. A material as defined in claim 1, wherein said urea has a mean particle size of less than about 0.01 mm.

4. A material as defined in claim 1, wherein said anti-caking agent comprises silica.

15 5. A material as defined in claim 1, wherein said anti-caking agent comprises sodium aluminosilicate.

6. A material as defined in claim 1, wherein said composition further comprises an indicator that is configured to indicate the presence of ammonia created when said urea contacts urease.

20 7. A material as defined in claim 6, wherein said indicator comprises a pH indicator that changes color when the pH is increased.

8. A material as defined in claim 1, wherein said anti-caking agent has a mean particle size of less than about 0.01 mm.

9. A material as defined in claim 1, wherein said composition further comprises the bactericide.

25 10. A material well suited for detecting the presence of urease in a gastric material for diagnosing a gastrointestinal disorder comprising:  
a composition comprising a powder, said composition including urea and an anti-caking agent, said urea being capable of being converted into ammonia when contacted with urease, said  
30 composition further including a dry indicator being configured to indicate the presence of ammonia thereby indicating the presence of urease.

11. A material as defined in claim 11, wherein said urea has a mean particle size of less than about 0.1 mm.

12. A material as defined in claim 11, wherein said urea has a mean particle size of less than about 0.05 mm.

5 13. A material as defined in claim 11, wherein said urea has a mean particle size of less than about 0.01 mm.

14. A material as defined in claim 12, wherein said anti-caking agent has a mean particle size smaller than said urea.

10 15. A material as defined in claim 10, wherein said anti-caking agent comprises silica.

16. A material as defined in claim 10, wherein said anti-caking agent comprises sodium alumino silicate.

17. A material as defined in claim 10, wherein said indicator comprises a pH indicator that changes color when the pH is increased.

15 18. A composition well suited for detecting the presence of urease in a gastric material for diagnosing a gastrointestinal disorder comprising urea and an anti-caking agent, said urea being in the form of a powder having a mean particle size of less than about 0.05 mm, said anti-caking agent comprising a material selected from the group  
20 consisting of silica and sodium alumino silicate, said anti-caking agent having a mean particle size of less than about 0.05 mm.

19. A composition as defined in claim 18, wherein said urea has a mean particle size of less than about 0.01 mm.

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